

Northern Colorado Amateur Radio Club

P.O. Box 272956

Fort Collins, CO 80527-2956



The Tribander

The monthly Newsletter of the Northern Colorado Amateur Radio Club

**Club Meetings are held on the 3rd Saturday of each month
At the Golden Corral, 901 E. Harmony Rd, Fort Collins, CO.**

All are welcome and encouraged to attend.

**Bring yourself and your appetite at 8:00 am.
The Meeting begins at 9:00 am.**

NCARC Club Information

Club Officers

President	Steve Henry	N7GN	(970)226-2817	n7gn@arrl.net
Vice President	Bill Beach	K0UT	(970)224-1958	k0ut@earthlink.net
Secretary	Dave Langenberg	KC9FOO	(773)612-8435	dave@thelangenbergs.com
Treasurer Membership Chair	Willis Whatley	WA5VRL	(970)407-6599	whatley@frii.com
Interference Coordinator	Mike Bates	N7DQ	(970)219-3225	n7dq@comcast.net
Newsletter	Willis Whatley	WA5VRL	(970)407-6599	whatley@frii.com
Technical Chair	Eric Slutz	N0EAS	(970)282-3752	eric@redginger.com
Hamfest Chair	Matt Kassawara	KG0W	(970)232-5215	battery@writeme.com

NCARC Repeaters

W0UPS: 145.115 MHz – (144.515 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) Autopatch (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
W0UPS: 447.275 MHz – (442.275 MHz input) 100 Hz CTCSS Subtone Autopatch (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
W0UPS: 224.520 MHz – (222.920 MHz input) 100 Hz CTCSS Subtone IRLP 3902 (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
W0UPS: 146.625 MHz – (146.025 MHz Input) 100 Hz CTCSS Subtone (40-50.266N, 105-3.017W, 5600 ft) SW of the Rawhide Power Plant, 17.5 miles north of Fort Collins, CO
W0UPS: 146.850 MHz – (146.250 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) (40-25.341N, 104-44.182 W) Greeley, CO
W0UPS-5: 144.390 MHz – APRS Digital Repeater (40-32.926N, 105-11.898W, about 7229 ft) Horsetooth Mountain, west of Fort Collins, CO

Nets

ARES District 10 Information Net	Wednesday	9:00 pm	145.115 MHz
ARES Statewide Net	Sunday	8:30 pm	145.310 MHz
Central Colorado Traffic Net	Daily	7:30 pm	145.310 MHz
Tech Net	Wednesday	7:00 pm	145.115 MHz

Web Page

<http://www.ncarc.net>

TECH NET

This is a reminder that the 145.115 TECH NET has been **changed back to Wednesday evening at 07:00 PM.** It is hosted by **N0WIQ, Kerry**. All amateur radio operators (with 2M privileges) are welcome to check in. It is an open forum net with Questions, Answers and Topics of interest. If the 145.115 repeater is not available, the net will be held on the 447.275 repeater

Local Area Swaplists:

For those who can not wait or can not attend the area swapmeets, below are the websites for some of the regional swaplists found on the internet. These are updated weekly.

Aurora Repeater Assn. Swaplist: <http://www.qsl.net/n0ara/swaplist.html>

Colorado Repeater Assn. Swaplist: <http://www.w0cra.org/swap/craswaplist.htm>

Wyoming Swap Shop: <http://www.qsl.net/n0ara/wss.htm>

New Mexico Swaplist: <http://bc-ares.org/swapnet/listings.html>

New and renewing members for the current month: W0DDX – John KC0PVF – Mary
KC0WZT – Gordon WB5MJM – Norm AC7CS – David KC0VXL - Glen N0UI – Jerry
W5WIW – Willard KE5INP – Jerry NV0M – Rip N0QCX – Ellie N9GP – Gary KC0ZST – Bill
(it's been a good month...)

The NCARC thanks you for your support.

220 MHz Net

There is an informal net that is being held every Thursday evening at 7:00 pm on the 224.520 Repeater.

This is the newest **W0UPS** machine

located at the Horsetooth Mountain site along with the 145.115 and 447.275 NCARC Repeaters.

This repeater uses the standard offset for the 220 MHz band (input on 222.920) and a 100 Hz CTCSS.

Hosted by **KG6TDB**, the topics will change each week and all licensed operators are invited to check in.

For those who are interested, it also features IRLP capability (it is node 3902).

Upcoming NCARC Meeting Presentations:

November 17: Tom Levendusky (AC0CH) will be making the November presentation. He is an air traffic controller for the FAA. He will talk about FAA communications, and also about the FAA's response to 9/11. He was on duty at the time and participated in clearing the airways in the U.S. after the attacks.

December 15: Jim Wilson KC0RBT will be doing a presentation on Echolink.

Ever wonder how many 70-cm FM repeaters are accessible from many locations in the Fort Collins area?

Below is a list (including current call signs) that has been verified within the last month as being active and accessible. Locations are not "exact". Some are full scale on the S-meter and others are only slightly above the noise level on the band. Propagation on the 70-cm band does vary daily (but not as much as the 2-Meter band) and some can only be heard in the early morning hours.

This list may not be complete so if there are others that NCARC members may want to know about, please send them to me by e-mail and I will update the list in another newsletter. – W5VRL

FREQ.	TONE	CALL	SPONSOR	LOCATION
447.150	107.2	W0CRA	CRA	DENVER
447.175	186.2	WA2YZT	IND	GOLDEN
447.200	107.2	W0CRA	CRA	DENVER
447.225	141.3	W0KVA	RMRUG	DENVER
447.275	100.0	W0UPS	NCARC	W. FORT COLLINS
447.450	123.0	N5EHP	IND	RYE
447.500	88.5	N0OWY	ARA	CONIFER
447.575	107.2	W0CRA	CRA	DENVER
447.850	100.0	W0SZ	MTTOP	BRECKENRIDGE
447.900	100.0	WB0TPT	IND	DENVER
447.975	107.2	W0CRA	CRA	BOULDER
448.125	107.2	N0PYY	DEN PD EEB	DENVER
448.325	110.9	WB7UPS	IND	WELLINGTON
448.350	100.0	N0HSM	IND	SECURITY
448.450	100.0	KB0SRJ	PPFMA	COLO SPRINGS
448.475	100.0	W0ITD (sk)	WARS	GREELEY
448.625	100.0	W0TX	DRC	DENVER
448.675	100.0	KA0HTT	IND	DENVER
448.800	88.5	W0ENO	LARC	LONGMONT
448.900	100.0	W0DK	BARC	BOULDER
448.925	131.8	W0LMA	IND	BROOMFIELD
448.975	123.0	W0GV	FRG	DENVER
449.000	136.5	WR0AEN	IND	CANON CITY
449.225	141.3	N0WBW	RMRUG	DENVER
449.250	103.5	AA0QC	LMRG	DENVER
449.350	100.0	W0TX	DRC	DENVER
449.425	94.8	N0ZUQ	IND	DENVER
449.450	103.5	WB5YOE	RMRL	DENVER
449.575	100.0	W0XYZ	LRA	LOVELAND
449.600	100.0	WA0KBT	DRL	DENVER
449.725	127.3	K0OJ	IND	GREELEY
449.775	100.0	WA0YOJ	IND	DENVER
449.800	123.0	KC0KXH	EVARC	ESTES PARK
449.825	103.5	W0WYX	RMRL	BROOMFIELD
449.850	100.0	W0QEY	CSU ARC	FORT COLLINS
449.875	103.5	N0MHU	RMRL	DENVER

NCARC Meeting Minutes - October 20, 2007

Location: Golden Corral

Called to order at 9 am by Bill Beach (K0UT)

There were 26 members and 5 guests present.

REPORTS

Secretary -- one change, a December presentation on Geocaching is a "maybe".

Treasurer -- Savings \$2154.64, Checking \$9326.89. We had 9 new/renewing members

Tech Committee -- Last Friday a group went up on the hill, SWR on 115 antenna was 2:1. A Diamond x500 antenna was placed on the roof of the building. SWR on the antenna reads nicely and we received better signal reports from Cheyenne.

Newsletter: We will be including a list of equipment from Jim Starkey's house as a silent auction. Willis will contact winners of auction and have them come collect their stuff. After that, we'll put the stuff on the local swap lists.

Control Op -- nothing to report

Interference -- Lots of intermod reported on 115 at 5 KC down S5-S10 at Horsetooth and Shields.

Events Center Repeaters -- No update

Ham Fest -- Matt is moving to Cheyenne. We are starting table sign-ups now. Matt contacted Jane (N7COR) about publicity and she declined to continue doing publicity. We've contacted QST, World Radio, and CQ about advertising, and are starting to get inquiries from those ads about tables. Still working on prizes. Current prize suggestions are ICOM 7000 1st prize, Yaesu 7800 dual band (2nd), Vx6 UHF/VHF (3rd). Total value ~1800. Other option would be to swap one of those for things like antennas, tuners, SWR meters, etc.

MOTION: NCARC will spend \$1800 to purchase the IC7000, FT 7800 and Vx-6 to use as door prizes at the swapfest. 2nd by Willis. Motion Carried.

OLD BUSINESS

ARES Exercise -- 6th Oct -- Ham radio managed to work in a few places that the government radios didn't work. Overall the event was a success.

Training Classes -- Steve put out an email trying to get one started. No word yet on if/when the class will be starting

Membership Drive -- No update

NEW BUSINESS

Officer Elections - Nominations

President: Steve N7GN

Vice President: Bill Beach K0UT

Secretary: Dave Langenberg KC9FOO

Treasurer: Willis Whatley WA5VRL

Tech Committee: Radio Dan W7RF

Newsletter: Willis Whatley WA5VRL

Ham Fest: Matt Kassawara KG0W

Upcoming Presentations

Tom - November - 9/11 timeline from the Air Traffic Controller's perspective.

Jim -- December - Echolink 447.450 echolink repeater STD DTMF codes. Sponsored by N5EHP

MOTION: Chris -- That we put the old repeaters in the silent auction. Seconded by Radio Dan. The motion failed.

-- Rob W0FT volunteered to house the old repeaters for now.

NCARC Silent Auction

The list of equipment below was donated to the NCARC from the estate of Jim Starkey (W0KJY). The condition of the equipment is unknown and it is being put up for auction "AS IS". The items can be examined in west Ft. Collins between 3 and 7 pm most days by appointment. Contact Willis at (970) 407-6599 at least one day or more prior to the desired date.

Bids in will be accepted by e-mail to whatley@frii.com or by regular mail to NCARC, P.O. Box 272956, Fort Collins, CO 80527-2956. All bids must be received by e-mail or at the P.O. Box on or before Saturday December 1, 2007.

The high bid on each item will be contacted following the close of bidding using the method by which the bid was received. The individual will have 10 calendar days to complete the transaction by making payment and taking possession of the item(s). All items must be picked up in Fort Collins. The NCARC will not ship any of these items.

Any items remaining in the possession of the NCARC following the 10-day transaction period will be placed on one or more area swap lists for sale.

1. Yaesu FT-726R SN:6J420039 with Yaesu YM-48 Mic, modules for 15/12/10m, 144 and 432 MHz.
2. Yaesu FT-726R SN:3K070242 with modules for 144 and 432 MHz
3. Yaesu FT-726R SN:3L080198 with module for 144 MHz
4. Yaesu FT-101ZD SN:9E040673
5. Hammarlund HC-10 Converter
6. TrippLite PR-7B Power Supply
7. G.E. 0-15V adjustable Power Supply
8. Clegg 22'er VHF rig with xtal for 144.350
9. Icom IC-245 Two Meter all mode transceiver
10. Icom IC-3PA Power Supply SN: 7176
11. Timewave DSP 59+
12. Heathkit TC-2 Tube Checker
13. ARR P28VD 10m Preamp
14. HP 340B Noise Figure Meter SN:229-01021
15. HP 5245L Frequency Counter with HP 5254 Frequency Converter 0.2 – 3.0 GHz
16. HP 5245L Frequency Counter with HP 5255 Frequency Converter 3.0 – 12.4 GHz
17. Singer Metrics SPA-10 Spectrum Analyzer SN: 08-281-147 with RF-10 (10 MHz – 43 KMHz Tuning Head)
18. AST Bravo 4/33 MHz Computer with IBM Monitor
19. H.V. Power Transformer Pri: 115/230vac Sec: 4730/2365vac 1.66KVA
20. H.V. Filter Capacitor 100uF at 4KV

